**Monoclonal Antibody to Cytokeratin (Pan-reactive)**

**Fluorescein (FITC) conjugated (0.1 mg)**

**Clone:** C-11  
**Isotype:** Mouse IgG1  
**Specificity:** The antibody C-11 reacts with Cytokeratin peptides 4, 5, 6, 8, 10, 13, 18. Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues.  
**Regulatory Status:** RUO  
**Immunogen:** Keratin-enriched preparation from human epidermoid carcinoma cell line A431.  
**Species Reactivity:** Mammalian  
**Preparation:** The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC.  
**Concentration:** 1 mg/ml  
**Storage Buffer:** Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4  
**Storage / Stability:** Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.  
**Usage:** The reagent is designed for Flow Cytometry analysis.  
**Expiration:** See vial label  
**Lot Number:** See vial label  

**Background:** Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families.

**References:**  

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